

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 19385

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F21L4/02 F21V5/04 F21Y101/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F21L F21V F21Y F21K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 329 011 A (HOWELLS RAILWAY PRODUCTS LIMIT) 10 March 1999 (1999-03-10) abstract page 10, line 24 -page 11, line 7 figure 2 ---	1-16
X	DE 201 15 797 U (MERLAKU KASTRIOT) 7 March 2002 (2002-03-07) page 2, paragraph 4 -page 3, paragraph 1 figure 3 ---	1,10
X	WO 00 55685 A (BAUER FREDERICK T ;BONARDI TIMOTHY A (US); TURNBULL ROBERT R (US);) 21 September 2000 (2000-09-21) page 48, line 21 -page 48, line 27 figure 35 -----	1,10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

Date of mailing of the international search report

8 October 2003

21/10/2003

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Information on patent family members

International Application No

PCT/US 02/0385

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